

Cree® XSP Series

XSPR™ LED Street/Area Light



Cree XSPR™ Lighting the Path to Savings

Lighting Value

With two models based on wattage preference, XSPR is designed to replace 70W up to 100W and while consuming 50% lower energy as compared to HPS.

Optics

The XSPR luminaire is equipped with patented NanoOptic® technology to place more lumens in the target area and offer in different optical distributions.

Design

State-of-the-art flow-through heat sink technology delivers a decade of near maintenance-free performance as compared to traditional HPS while maintaining the traditional street light design.

Installation

The hassle-free design of the XSPR luminaire includes simplified mounting solutions: horizontal tenon mount or adjustable arm to allow for fixture leveling of +/-5°.

Cree XSPR™ - Efficiently delivers uniform light for safer-feeling communities.

The Cree XSPR™ LED street light uses over 50% less energy and is designed to affordably replace 70W and up to 100W High Pressure Sodium street lights found in many residential areas. With less time and money spent on street lights, you can redirect those resources to other community improvement projects.

Performance Summary
NanoOptic® Precision Delivery Grid™ optic
Input Power: A=54W or B=41W
CRI: Minimum 70 CRI
CCT: 4000K (+/- 300K), 5700K (+/- 500K)
Input Voltage: 220-240V
Limited Warranty: Class 1 - 10 years on luminaire/10 years on Colorfast DeltaGuard® finish Class 2 - 5 years on luminaire/10 years on Colorfast DeltaGuard® finish
Lifetime: Designed to last 100,000 hours
Mounting: Horizontal Tenon or Adjustable Arm

Construction & Materials
<ul style="list-style-type: none"> Die cast aluminum housing With the tenon mount system (07) it can be mounted on an arm or pole top (90°) and tilt adjusted in 5° increments to keep it horizontal with the ground Adjustable mounting arm is rugged die cast aluminium and mounts to different outer dimension tenons or poles (with adaptors) Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion

Optical System
<ul style="list-style-type: none"> Utilizing highly-diffused performance optics for soft, glare-free light. Better optical control with our NanoOptic® Precision Delivery Grid™ optic

Electrical System
<ul style="list-style-type: none"> High-efficiency driver and power supply offer robust performance with input power staying constant over the life of the fixture Two models with different Input Power Designator based on application needs

Electrical Data*		
Input Power Designator	System Watts 220-240V	Total Current
		230V
A	54	0.24
B	41	0.19

* Electrical data at 25°C (77°F)

Lumen Output			
Input Power Designator	System Watts 220-240V	4000K	5700K
		Nominal Flux*	Nominal Flux*
A	54	5527	5798
B	41	4698	4928

* Actual production yield may vary between -4 and +10% of initial delivered lumens.

XSPR™ - LED Street Light
<ul style="list-style-type: none"> Dimensions: L 567 x W 249 x H 126mm
<ul style="list-style-type: none"> Finish color: Silver

XSPR - Control Options						
	Adjustable current	1-10V	Virtual Midnight Dynadimmer (DY#)	Constant Lumen Output (CLO)	Field Progr Virtual Midnight (C#-D#)	Field Adjustable Output (Q#)
XSPR A = 54W		✓			✓	✓
XSPR B = 41W	✓		✓	✓		

Visit www.cree-europe.com or contact Cree Europe Customer Service to learn more.

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